

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	expos\$3 adj2 len#3	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:33
		"4025159"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 11:34
		US-4100625-\$.DID. OR US-3587415-\$.DID. OR US-5822120-\$.DID.	USPAT	OR	OFF	2005/06/06 09:42
S2	4	US-4100625-\$.DID. OR US-3587415-\$.DID. OR US-5822120-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 09:44
S3	34	US-4545832-\$.DID. OR US-4563388-\$.DID. OR US-4731273-\$.DID. OR US-3043196-\$.DID. OR US-3171827-\$.DID. OR US-3175835-\$.DID. OR US-3252376-\$.DID. OR US-3254563-\$.DID. OR US-3274888-\$.DID. OR US-3418896-\$.DID. OR US-3486952-\$.DID. OR US-4342800-\$.DID. OR US-4563388-\$.DID. OR US-4607978-\$.DID. OR US-4652172-\$.DID. OR US-4731273-\$.DID. OR US-4983458-\$.DID. OR US-4988541-\$.DID. OR US-4988555-\$.DID. OR US-5092109-\$.DID. OR US-5417515-\$.DID. OR US-5670227-\$.DID. OR US-5683746-\$.DID. OR US-5750191-\$.DID. OR US-5774265-\$.DID. OR US-5777791-\$.DID. OR US-5835271-\$.DID. OR US-6127020-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 09:07
S4	14215	pavement	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 11:06
S5	3106	retroreflective	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 11:07
S6	233396	binder	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 11:07

## EAST Search History

S7	1128	retroreflective with sheet\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 11:08
S8	217	shrunk with film with layer	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 11:08
S9	0	S8 and S7 and S6 and S4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 11:09
S10	0	S8 and S7	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 11:09
S11	510	S7 and S6	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 11:09
S12	0	S11 and S9	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 11:09
S13	510	S11 and S6	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 11:10
S14	510	S11 and S5	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 11:10
S15	188	S11 and S4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 11:11
S16	383	retroreflective with embedded	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 11:11
S17	84	S16 and S15	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 11:12
S18	10	("5777791").URPN.	USPAT	OR	OFF	2005/06/06 14:18
S19	15	("3043196"   "3935365"   "4146635"   "4299874"   "4490432"   "4564556"   "4772511"   "4969713"   "4988541"   "4988555"   "5207852"   "5268682"   "5316838"   "5417515").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 14:21
S20	2	("5835271").URPN.	USPAT	OR	OFF	2005/06/06 14:23

## EAST Search History

S21	29	("2407680"   "3274888"   "3292507"   "3418896"   "3746425"   "3879148"   "3920346"   "3958891"   "4004930"   "4025159"   "4100625"   "4108536"   "4129397"   "4157210"   "4182548"   "4358217"   "4388359"   "4573763"   "4575278"   "4664966"   "4969713"   "5087148"   "5227221"   "5268789"   "5417515").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 14:24
S22	3	("5683746").URPN.	USPAT	OR	OFF	2005/06/06 14:27
S23	28	("3758192"   "3920346"   "4020211"   "4035059"   "4040760"   "4069787"   "4117192"   "4236788"   "4248932"   "4299874"   "4388359"   "4490432"   "4564556"   "4681401"   "4969713"   "4988541"   "4988555"   "4990024"   "5053253"   "5077117"   "5087148"   "5108218"   "5124184"   "5127973"   "5139590"   "5227221"   "5316406"   "5435663").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/06 14:28
S24	427	plurality with retroreflective	USPAT	OR	OFF	2005/06/07 10:36
S25	540	plurality with retroreflective	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 10:36
S26	3130	embed\$3 with binder	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 10:37
S27	0	retroreflective with sheeting	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 10:37
S28	0	retroreflective with sheet\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 10:37
S29	1129	retroreflective with sheet\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 10:38
S30	1814229	(shrunk film layer)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 10:38
S31	114	S25 and S26	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 10:39
S32	109	S31 and S29	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 10:39

## EAST Search History

S33	109	S32 and S30	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 10:41
S34	637	pavement with marking	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 10:41
S35	39	S33 and S34	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 15:06
S36	355	"4,025,159"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 11:34
S37	355	"4025159"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 11:34
S38	637	pavement with marking	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 15:07
S39	325	retroreflective with binder	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 15:07
S40	850	retroreflective with sheeting	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 15:08
S41	97	(shrink\$4 or shrunk\$4) same retroreflect\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 15:36
S42	102	S38 and S39	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 15:09
S43	80	S42 and S40	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 15:09
S44	2	S43 and S41	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 15:28
S45	3	S42 and S41	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 15:36
S46	6144	retroreflec\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 15:36
S47	271	"4025159"	USPAT	OR	OFF	2005/06/08 14:52
S48	1	"6846893"	USPAT	OR	OFF	2005/06/09 13:11
S49	180	264/1.31	USPAT	OR	OFF	2005/06/09 13:11

## EAST Search History

S50	207	264/1.31	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/09 13:13
S51	199542	(shrink\$4 or shrunk\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/09 13:13
S52	44	S51 and S50	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/09 13:13
S53	221200	"264"	USPAT	OR	OFF	2005/06/10 09:02
S54	180	264/1.31	USPAT	OR	OFF	2005/06/10 09:03
S55	44	cavity and S54	USPAT	OR	OFF	2005/06/10 09:03
S56	34	US-4545832-\$.DID. OR US-4563388-\$.DID. OR US-4731273-\$.DID. OR US-3043196-\$.DID. OR US-3171827-\$.DID. OR US-3175835-\$.DID. OR US-3252376-\$.DID. OR US-3254563-\$.DID. OR US-3274888-\$.DID. OR US-3418896-\$.DID. OR US-3486952-\$.DID. OR US-4342800-\$.DID. OR US-4563388-\$.DID. OR US-4607978-\$.DID. OR US-4652172-\$.DID. OR US-4731273-\$.DID. OR US-4983458-\$.DID. OR US-4988541-\$.DID. OR US-4988555-\$.DID. OR US-5092109-\$.DID. OR US-5417515-\$.DID. OR US-5670227-\$.DID. OR US-5683746-\$.DID. OR US-5750191-\$.DID. OR US-5774265-\$.DID. OR US-5777791-\$.DID. OR US-5835271-\$.DID. OR US-6127020-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 09:28
S57	2	S56 and cavity	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 09:08
S58	0	S56 and hallow	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 09:28
S59	638	pavement with marking	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 09:39

## EAST Search History

S60	7	retroreflet\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 09:39
S61	6153	retroreflect\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 09:40
S62	1150560	cavity or hollow	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 09:40
S63	295	S59 and S61	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 09:40
S64	62	S63 and S62	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 09:59
S65	90	"4244683"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 10:25
S66	496	(retroreflective with element)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 10:25
S67	61	(retroreflective with element) same (cavit\$3 or hollow)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 10:26
S68	36	(retroreflective with element) with (cavit\$3 or hollow)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 10:26
S69	147	(retroreflective with element) and (cavit\$3 or hollow)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 10:26
S70	4	"5419651"	USPAT	OR	OFF	2005/06/10 13:23
S71	9702	(retroreflect\$4 or (retro adj2 reflect\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:58
S72	35683	(microsphere\$1 or (cube adj corner) or (cubecorner))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:02
S73	68800	(interior or inner) near3 cavity	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:03
S74	4	S71 same S72 same S73	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:31
S75	1375	S71 same S72	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:54

## EAST Search History

S76	573	264/1.31,1.9.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:56
S77	3273	359/515-553.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:56
S78	519	S75 and (S76 or S77)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:56
S79	1376	(retroreflect\$4 or (retro adj2 reflect\$4)) near4 (sheet\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:59
S80	394	S79 and S78	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:58
S81	1194	(retroreflect\$4 or (retro adj2 reflect\$4)) adj2 (sheet\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 16:17
S82	375	S81 and S78	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:33
S83	1917	expos\$3 adj len\$2	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:33
S84	988	enclos\$2 adj2 len\$2	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:34
S85	34	S82 and S83 and S84	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:34
S86	35	S78 and S83 and S84	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:08
S87	440	embedd\$3 adj len\$2	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:34
S88	929	enclos\$3 adj len\$2	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:35
S89	309	encapsulat\$3 adj len\$2	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:35
S90	2116	S83 or S89	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:36

## EAST Search History

S91	1317	S84 or S88	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:36
S92	189	S90 and S91	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:36
S93	145	S92 and S75	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:36
S94	18	"5657162"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/03 15:29
S95	6	"5835271"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/03 16:10
S96	36069	S81 and S71 or S72	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 16:17
S97	808	S81 and S71 and S72	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 16:18
S98	380	S97 and (S76 or S77)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 16:18
S99	20423	binder near2 layer	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 16:21
S10 0	143	S98 and S99	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 16:19
S10 1	601	(binder near2 layer) with partially	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 16:22
S10 2	96	S101 and S98	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 16:22
S10 3	9702	(retroreflect\$4 or (retro adj2 reflect\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/04 13:09
S10 4	56892	luminanc\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/04 13:09
S10 5	347	luminanc\$3 with (mcd or lux)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/04 13:10



## EAST Search History

S10 6	25	S103 same S105	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/04 13:10
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